

CLAIMS

I Claim,

1. A magnetic open/close structure for an electronic device, is essentially comprised of a primary magnet and an attachment to be attracted by the primary magnet being respectively provided to the frame of a lid and a frame of the case with the attachment being fixed at a specific location; a secondary magnet having the same polarity facing that of the primary magnet being provided by the side of the attachment; a push key to provide a limited sliding motion for the primary magnet to slide back and forth at where it is overlapped with the attachment or the secondary magnet; the primary magnet being overlapped with the attachment by magnetism when the lid covers upon the case to secure the lid on the case.
2. A magnetic open/close structure for an electronic device as claimed in Claim 1, wherein, a slide way is provided in the frame of the lid and a push key is provided in the slide way; the primary magnet being fixed in a section in the lid where the push key being embedded; and the attachment and the secondary magnet being relatively embedded inside the case.
3. A magnetic open/close structure for an electronic device as claimed in Claim 1, wherein, a slide way is preset in the case and the push key is provided inside the slide way; the primary magnet being fixed in a section in the case where the push key being embedded; and the attachment and the secondary magnet being relatively embedded inside the lid.

4. A magnetic open/close structure for an electronic device as claimed in Claim 1, wherein, the attachment is related to a piece of galvanized steel.
5. A magnetic open/close structure for an electronic device as claimed in Claim 2, wherein, the case is comprised of an upper case cover bound to the lid and the attachment and the secondary magnet are fixed to the inner side of the upper cover of the case by means of a consistent binding process including fusion and locking.
- 10
6. A magnetic open/close structure for an electronic device as claimed in Claim 3, wherein, the lid is provided with a front frame to be bound to the case and the attachment and the secondary magnet are fixed to the inner side of the front frame of the lid by means of a consistent binding process including fusion and locking.
- 15
7. A magnetic open/close structure for an electronic device as claimed in Claim 2, wherein, a recess is provided to the push key to catch and hold in position the primary magnet in the section of the lid where the push key is embedded.
- 20
8. A magnetic open/close structure for an electronic device as claimed in Claim 3, wherein, a recess is provided to the push key to catch and hold in position the primary magnet in the section of the case where the push key is embedded.
- 25
9. A magnetic open/close structure for an electronic device as claimed in Claim 2, wherein, multiple primary magnets are fixed in the recess inside the lid at where
- 30

the push key is embedded and multiple secondary magnets in the same quantity as that of the primary magnets are provided inside the case.

10. A magnetic open/close structure for an electronic device as claimed in Claim 3, wherein, multiple primary magnets are fixed in the recess inside the case at where the push key is embedded and multiple secondary magnets in the same quantity as that of the primary magnets are provided inside the lid.
- 10 11. A magnetic open/close structure for an electronic device as claimed in Claim 1, wherein, a face panel of the case is made of a metallic material to constitute the attachment; the primary magnet being provided to the frame of the lid; a specific local part to the frame of the case at where relatively to the location of the primary magnet being magnetized to define a magnetized area to constitute a secondary magnet mutually inductive to the primary magnet.

15
20

25

30